

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/691,257 Confirmation No. 5448
Applicants : George Thompson, et al.
Filed : 10/22/2003
TC/A.U. : 3691
Examiner : Shrestha, Bijendra K.
Docket No. : GLTS:1001
Customer No. : 34,725

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PROPOSED AMENDMENT

In response to various teleconferences with Examiner Shrestha beginning on June 10, 2010, Applicant respectfully submits the following proposed amendment for the Examiner's consideration and comment.

Listing of Claims:

Claim 1 (currently amended): A computerized method for determining and displaying trading trends comprising the steps of:

obtaining market information for a currency pair for a time period, wherein the market information comprises at least (a) a first set of market data for the currency pair based on a series of consecutive first time intervals within the time period comprising a first opening value and a first closing value for each consecutive first time interval, (b) a second set of market data for the currency pair based on a series of consecutive second time intervals within the time period comprising a second opening value and a second closing value for each consecutive second time interval, and (c) the first time interval is not equal to the second time interval;

calculating a first opening value trend for the first time intervals using a market trend indicator and the first opening values for the currency pair, and a second opening value trend for the second time intervals using the market trend indicator and the second opening values for the currency pair;

calculating a first closing value trend for the first time intervals using the market trend indicator and the first closing values for the currency pair, and a second closing value trend for the second time intervals using the market trend indicator and the second closing values for the currency pair;

simultaneously displaying in real-time at least a first visual favorable/unfavorable trade indicator for the first time intervals and a second visual favorable/unfavorable trade indicator for the second time intervals, wherein the first time intervals are not equal to the second time intervals;

wherein the first visual favorable/unfavorable trade indicator for the first time intervals is based on a comparison of the first opening value trend to the first closing value trend for the currency pair, wherein the first visual favorable/unfavorable trade indicator is a first color whenever the first closing value trend is greater than the first opening value trend and the first visual favorable/unfavorable trade indicator is a second color whenever the first closing value trend is lower than the first opening value trend;

wherein the second visual favorable/unfavorable trade indicator for the second time intervals is based on a comparison of the second opening value trend to the second closing value trend for the currency pair, wherein the second visual favorable/unfavorable trade indicator is the first color whenever the second closing value trend is greater than the second opening value trend and the second visual favorable/unfavorable trade indicator is the second color whenever the second closing value trend is lower than the second opening value trend; and

wherein the first and second visual favorable/unfavorable trade indicators signal whether it will be favorable or unfavorable to execute a trade involving the currency pair for the respective time intervals; and

wherein the forgoing steps are executed by a computer.

Claim 2 (previously presented): The method as recited in claim 1, wherein the opening value is an opening price and the closing value is a closing price.

Claim 3 (original): The method as recited in claim 1, wherein the opening value is an opening trading volume and the closing value is a closing volume.

Claim 4 (canceled)

Claim 5 (previously presented): The method as recited in claim 1, wherein the first color is green.

Claim 6 (canceled)

Claim 7 (previously presented): The method as recited in claim 1, wherein the second color is red.

Claim 8 (previously presented): The method as recited in claim 1, wherein the first visual favorable/unfavorable trade indicator displays the first time interval and the second visual favorable/unfavorable trade indicator displays the second time interval.

Claim 9 (previously presented): The method as recited in claim 1, further comprising the step of displaying the first opening value trend as a first line and the first closing value trend as a second line in a graph.

Claim 10 (previously presented): The method as recited in claim 9, further comprising the step of displaying a list of information about a point selected on either the first line or the second line.

Claim 11 (previously presented): The method as recited in claim 1, wherein the market trend indicator comprises one or more regression algorithms selected from: stochastics, relative strength, directional movement, commodity channel, simple average, exponential average, weighted average, MACD (simple), MACD (exponential), momentum/ROC, midrange, William's %R, parabolic stop, volatility stop, trailing stop, high low stop, Bollinger Bands, Keltner Channel, uniform channel, regression channel, swing lines, cycle forecast, on balance volume, overlay chart, point & figure, moving average, moving linear regression, upper envelope, lower envelope, %K, %D, %D slow, %D averaged, %R, RSI, momentum, acceleration, moving average oscillator, moving average momentum, moving average convergence-divergence oscillator, moving average convergence-divergence, MACD signal line, commodity channel index, rate of change in prices, on balance volume variance, standard deviation, volatility ratio, volatility, skew, kurtosis, Williams Accumulated Distribution, Arm's Ease of Movement, plus directional indicator, minus directional indicator, directional movement and average directional movement.

Claim 12 (previously presented): The method as recited in claim 1, wherein the first opening value trend is calculated without using the first opening value from the most recent first time interval within the time period.

Claim 13 (previously presented): The method as recited in claim 1, further comprising the steps of:

- selecting a market information source; and
- communicably connecting to the market information source.

Claim 14 (previously presented): The method as recited in claim 1, further comprising the step of executing a trade involving the currency pair.

Claim 15 (previously presented): The method as recited in claim 1, further comprising the step of simulating an execution of a trade involving the currency pair.

Claim 16 (previously presented): The method as recited in claim 1, further comprising the step of calculating a potential tax liability for an execution of a trade involving the currency pair.

Claim 17 (previously presented): The method as recited in claim 1, further comprising the step of searching for one or more investment trading opportunities based on one or more search criteria.

Claim 18 (previously presented): The method as recited in claim 1, further comprising the step of selecting the first time interval or the second time interval.

Claim 19 (previously presented): The method as recited in claim 1, wherein the first time interval is a first preset time interval and the second time interval is a second preset time interval based on a user profile.

Claim 20 (previously presented): The method as recited in claim 1, further comprising the step of repeating the steps of obtaining the market information, calculating the opening value trends and the closing value trends, and displaying the visual favorable/unfavorable trade indicators for a set of different time intervals.

Claim 21 (previously presented): The method as recited in claim 20, wherein the set of different time intervals comprises five minutes, ten minutes, fifteen minutes and thirty minutes.

Claim 22 (previously presented): The method as recited in claim 1, further comprising the step of repeating the steps of obtaining the market information, calculating the opening value trends and the closing value trends, and displaying the visual favorable/unfavorable trade indicators for one or more other currency pairs.

Claim 23 (previously presented): The method as recited in claim 1, further comprising the step of updating the opening values, the closing values, the opening value trends, the closing value trends and the visual favorable/unfavorable trade indicators.

Claim 24 (previously presented): The method as recited in claim 23, further comprising the step of signaling a user whenever any of the visual favorable/unfavorable trade indicators change.

Claim 25 (currently amended): A computer program embodied in a computer readable medium that is executed by a computer for determining and displaying trading trends comprising:

~~a code segment~~ for obtaining market information for a currency pair for a time period, wherein the market information comprises at least (a) a first set of market data for the currency pair based on a series of consecutive first time intervals within the time period comprising a first opening value and a first closing value for each consecutive first time interval, (b) a second set of market data for the currency pair based on a series of consecutive second time intervals within the time period comprising a second opening

value and a second closing value for each consecutive second time interval, and (c) the first time interval is not equal to the second time interval;

~~a code segment for~~ calculating a first opening value trend for the first time intervals using a market trend indicator and the first opening values for the currency pair, and a second opening value trend for the second time intervals using the market trend indicator and the second opening values for the currency pair;

~~a code segment for~~ calculating a first closing value trend for the first time intervals using the market trend indicator and the first closing values for the currency pair, and a second closing value trend for the second time intervals using the market trend indicator and the second closing values for the currency pair;

~~a code segment for~~ simultaneously displaying in real-time at least a first visual favorable/unfavorable trade indicator for the first time intervals and a second visual favorable/unfavorable trade indicator for the second time intervals, wherein the first time intervals are not equal to the second time intervals;

wherein the first visual favorable/unfavorable trade indicator for the first time intervals is based on a comparison of the first opening value trend to the first closing value trend for the currency pair, wherein the first visual favorable/unfavorable trade indicator is a first color whenever the first closing value trend is greater than the first opening value trend and the first visual favorable/unfavorable trade indicator is a second color whenever the first closing value trend is lower than the first opening value trend;

wherein the second visual favorable/unfavorable trade indicator for the second time intervals is based on a comparison of the second opening value trend to the second closing value trend for the currency pair, wherein the second visual favorable/unfavorable trade indicator is the first color whenever the second closing value trend is greater than the second opening value trend and the second visual favorable/unfavorable trade indicator is the second color whenever the second closing value trend is lower than the second opening value trend; and

wherein the first and second visual favorable/unfavorable trade indicators signal whether it will be favorable or unfavorable to execute a trade involving the currency pair for the respective time intervals.

Claim 26 (currently amended): The computer program as recited in claim 25, further comprising ~~a code segment for~~ displaying the first opening value trend as a first line and the first closing value trend as a second line in a graph.

Claim 27 (currently amended): The computer program as recited in claim 26, further comprising ~~a code segment for~~ displaying a list of information about a point selected on either the first line or the second line.

Claim 28 (previously presented): The computer program as recited in claim 25, wherein the market trend indicator comprises one or more regression algorithms selected from: stochastics, relative strength, directional movement, commodity channel, simple average, exponential average, weighted average, MACD (simple), MACD (exponential), momentum/ROC, midrange, William's %R, parabolic stop, volatility stop, trailing stop, high low stop, Bollinger Bands, Keltner Channel, uniform channel, regression channel, swing lines, cycle forecast, on balance volume, overlay chart, point & figure, moving average, moving linear regression, upper envelope, lower envelope, %K, %D, %D slow, %D averaged, %R, RSI, momentum, acceleration, moving average oscillator, moving average momentum, moving average convergence-divergence oscillator, moving average convergence-divergence, MACD signal line, commodity channel index, rate of change in prices, on balance volume variance, standard deviation, volatility ratio, volatility, skew, kurtosis, Williams Accumulated Distribution, Arm's Ease of Movement, plus directional indicator, minus directional indicator, directional movement and average directional movement.

Claim 29 (currently amended): The computer program as recited in claim 25, further comprising:

~~a code segment for~~ selecting a market information source; and

~~a code segment for~~ communicably connecting to the market information source.

Claim 30 (currently amended): The computer program as recited in claim 25, further comprising ~~a code segment for~~ executing a trade involving the currency pair.

Claim 31 (currently amended): The computer program as recited in claim 25, further comprising ~~a code segment for~~ simulating an execution of a trade involving the currency pair.

Claim 32 (currently amended): The computer program as recited in claim 25, further comprising ~~a code segment for~~ calculating a potential tax liability for an execution of a trade involving the currency pair.

Claim 33 (currently amended): The computer program as recited in claim 25, further comprising ~~a code segment for~~ searching for one or more investment trading opportunities based on one or more search criteria.

Claim 34 (currently amended): The computer program as recited in claim 25, further comprising ~~a code segment for~~ selecting the first time interval or the second time interval.

Claim 35 (currently amended): The computer program as recited in claim 25, further comprising ~~a code segment for~~ repeating the steps of obtaining the market information, calculating the opening value trends and the closing value trends, and displaying the visual favorable/unfavorable trade indicators for a set of different time intervals.

Claim 36 (currently amended): The computer program as recited in claim 25, further comprising ~~a code segment for~~ repeating the steps of obtaining the market information, calculating the opening value trends and the closing value trends, and displaying the visual favorable/unfavorable trade indicators for one or more other currency pairs.

Claim 37 (currently amended): The computer program as recited in claim 25 further comprising ~~a code segment for~~ updating the opening values, the closing values, the

opening value trends, the closing value trends and the visual favorable/unfavorable trade indicators.

Claim 38 (currently amended): The computer program as recited in claim 37 further comprising ~~a code segment for~~ signaling a user whenever any of the visual favorable/unfavorable trade indicators change.

Claim 39 (currently amended): An apparatus for determining and displaying trading trends comprising:

a computer communicably connected to a market information source;

a display communicably connected to the computer; and

the computer (1) obtaining market information for a currency pair for a time period, wherein the market information comprises at least (a) a first set of market data for the currency pair based on a series of consecutive first time intervals within the time period comprising a first opening value and a first closing value for each consecutive first time interval, (b) a second set of market data for the currency pair based on a series of consecutive second time intervals within the time period comprising a second opening value and a second closing value for each consecutive second time interval, and (c) the first time interval is not equal to the second time interval, (2) calculating a first opening value trend for the first time intervals using a market trend indicator and the first opening values for the currency pair, and a second opening value trend for the second time intervals using the market trend indicator and the second opening values for the currency pair, (3) calculating a first closing value trend for the first time intervals using the market trend indicator and the first closing values for the currency pair, and a second closing value trend for the second time intervals using the market trend indicator and the second closing values for the currency pair, and (4) simultaneously displaying in real-time at least a first visual favorable/unfavorable trade indicator for the first time intervals and a second visual favorable/unfavorable trade indicator for the second time intervals, wherein the first time intervals are not equal to the second time intervals and the first visual favorable/unfavorable trade indicator for the first time intervals is based on a comparison

of the first opening value trend to the first closing value trend for the currency pair, wherein the first visual favorable/unfavorable trade indicator is a first color whenever the first closing value trend is greater than the first opening value trend and the first visual favorable/unfavorable trade indicator is a second color whenever the first closing value trend is lower than the first opening value trend, the second visual favorable/unfavorable trade indicator for the second time intervals is based on a comparison of the second opening value trend to the second closing value trend for the currency pair, wherein the second visual favorable/unfavorable trade indicator is the first color whenever the second closing value trend is greater than the second opening value trend and the second visual favorable/unfavorable trade indicator is the second color whenever the second closing value trend is lower than the second opening value trend, and the first and second visual favorable/unfavorable trade indicators signal whether it will be favorable or unfavorable to execute a trade involving the currency pair for the respective time intervals.

REMARKS/ARGUMENTS

If the examiner has any questions or comments, or if further clarification is required, it is requested that the examiner contact the undersigned at the telephone number listed below.

Dated: June 18, 2010

Respectfully submitted,

CHALKER FLORES, LLP

By 

Daniel J. Chalker

Reg. No. 40,552

Tel.: (214) 866-0001

Fax: (214) 866-0010

2711 LBJ Frwy, Suite 1036

Dallas, Texas 75234